



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/650,326
Source: FWO
Date Processed by STIC: 2/4/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/650,326

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0 A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences- Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
(OLD RULES) (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
(NEW RULES) <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213> Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
 Response scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0 Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
 "bug" resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWO

RAW SEQUENCE LISTING

DATE: 02/04/2004

PATENT APPLICATION: US/10/650,326

TIME: 12:23:37

Input Set : A:\JJJ-PWO-599 - SEQUENCE LISTING.txt

Output Set: N:\CRF4\01292004\J650326.raw

3 <110> APPLICANT: CURIS INC. AND WASHINGTON UNIVERSITY
 5 <120> TITLE OF INVENTION: CONJOINT ADMINISTRATION OF MORPHOGENS AND ACE INHIBITORS IN
 6 TREATMENT OF CHRONIC RENAL FAILURE
 8 <130> FILE REFERENCE: JJJ-PWO-599
 > 10 <140> CURRENT APPLICATION NUMBER: US/10/650,326
 11 <141> CURRENT FILING DATE: 2003-08-28
 13 <150> PRIOR APPLICATION NUMBER: 60/406,431
 14 <151> PRIOR FILING DATE: 2002-08-28
 16 <160> NUMBER OF SEQ ID NOS: 31
 18 <170> SOFTWARE: PatentIn version 3.2
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 139
 22 <212> TYPE: PRT
 23 <213> ORGANISM: generic
 25 <400> SEQUENCE: 1
 27 Ser Thr Gly Ser Lys Gln Arg Ser Gln Asn Arg Ser Lys Thr Pro Lys
 28 1 5 10 15
 31 Asn Gln Glu Ala Leu Arg Met Ala Asn Val Ala Glu Asn Ser Ser Ser
 32 20 25 30
 35 Asp Gln Arg Gln Ala Cys Lys Lys His Glu Leu Tyr Val Ser Phe Arg
 36 35 40 45
 39 Asp Leu Gly Trp Gln Asp Trp Ile Ile Ala Pro Glu Gly Tyr Ala Ala
 40 50 55 60
 43 Tyr Tyr Cys Glu Gly Glu Cys Ala Phe Pro Leu Asn Ser Tyr Met Asn
 44 65 70 75 80
 47 Ala Thr Asn His Ala Ile Val Gln Thr Leu Val His Phe Ile Asn Pro
 48 85 90 95
 51 Glu Thr Val Pro Lys Pro Cys Cys Ala Pro Thr Gln Leu Asn Ala Ile
 52 100 105 110
 55 Ser Val Leu Tyr Phe Asp Asp Ser Ser Asn Val Ile Leu Lys Lys Tyr
 56 115 120 125
 59 Arg Asn Met Val Val Arg Ala Cys Gly Cys His
 60 130 135
 63 <210> SEQ ID NO: 2
 64 <211> LENGTH: 97
 65 <212> TYPE: PRT
 66 <213> ORGANISM: generic
 68 <400> SEQUENCE: 2
 70 His Arg Arg Leu Arg Ser Gln Glu Arg Arg Glu Met Gln Arg Glu Ile
 71 1 5 10 15
 74 Leu Ser Ile Leu Gly Leu Pro His Arg Pro Arg Pro His Leu Gln Gly
 75 20 25 30
 78 Lys His Asn Ser Ala Pro Met Phe Met Leu Asp Leu Tyr Asn Ala Met

pp 1-4,6
 Does Not Comply
 Corrected Diskette Needed

invalid response - see item 10 on Error Summary Sheet

same error

RAW SEQUENCE LISTING DATE: 02/04/2004
 PATENT APPLICATION: US/10/650,326 TIME: 12:23:37

Input Set : A:\JJJ-FWO-599 - SEQUENCE LISTING.txt
 Output Set: N:\CRF4\01292004\J650326.raw

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79          35          40          45
82 Ala Val Glu Glu Gly Gly Gly Pro Gly Gly Gln Gly Phe Ser Tyr Pro
83          50          55          60
86 Tyr Lys Ala Val Phe Ser Thr Gln Gly Pro Pro Leu Ala Ser Leu Gln
87 65          70          75          80
90 Asp Ser His Phe Leu Thr Asp Ala Asp Met Val Met Ser Phe Val Asn
91          85          90          95
94 Leu
98 <210> SEQ ID NO: 3
99 <211> LENGTH: 431
100 <212> TYPE: PRT
101 <213> ORGANISM: generic
103 <400> SEQUENCE: 3
105 Met His Val Arg Ser Leu Arg Ala Ala Ala Pro His Ser Phe Val Ala
106 1          5          10          15
109 Leu Trp Ala Pro Leu Phe Leu Leu Arg Ser Ala Leu Ala Asp Phe Ser
110          20          25          30
113 Leu Asp Asn Glu Val His Ser Ser Phe Ile His Arg Arg Leu Arg Ser
114          35          40          45
117 Gln Glu Arg Arg Glu Met Gln Arg Glu Ile Leu Ser Ile Leu Gly Leu
118          50          55          60
121 Pro His Arg Pro Arg Pro His Leu Gln Gly Lys His Asn Ser Ala Pro
122 65          70          75          80
125 Met Phe Met Leu Asp Leu Tyr Asn Ala Met Ala Val Glu Glu Gly Gly
126          85          90          95
129 Gly Pro Gly Gly Gln Gly Phe Ser Tyr Pro Tyr Lys Ala Val Phe Ser
130          100          105          110
133 Thr Gln Gly Pro Pro Leu Ala Ser Leu Gln Asp Ser His Phe Leu Thr
134          115          120          125
137 Asp Ala Asp Met Val Met Ser Phe Val Asn Leu Val Glu His Asp Lys
138          130          135          140
141 Glu Phe Phe His Pro Arg Tyr His His Arg Glu Phe Arg Phe Asp Leu
142 145          150          155          160
145 Ser Lys Ile Pro Glu Gly Glu Ala Val Thr Ala Ala Glu Phe Arg Ile
146          165          170          175
149 Tyr Lys Asp Tyr Ile Arg Glu Arg Phe Asp Asn Glu Thr Phe Arg Ile
150          180          185          190
153 Ser Val Tyr Gln Val Leu Gln Glu His Leu Gly Arg Glu Ser Asp Leu
154          195          200          205
157 Phe Leu Leu Asp Ser Arg Thr Leu Trp Ala Ser Glu Glu Gly Trp Leu
158          210          215          220
161 Val Phe Asp Ile Thr Ala Thr Ser Asn His Trp Val Val Asn Pro Arg
162 225          230          235          240
165 His Asn Leu Gly Leu Gln Leu Ser Val Glu Thr Leu Asp Gly Gln Ser
166          245          250          255
169 Ile Asn Pro Lys Leu Ala Gly Leu Ile Gly Arg His Gly Pro Gln Asn
170          260          265          270
173 Lys Gln Pro Phe Met Val Ala Phe Lys Ala Thr Glu Val His Phe
174          275          280          285

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Output Set: N:\CRF4\01292004\J650326.raw

177 Arg Ser Ile Arg Ser Thr Gly Ser Lys Gln Arg Ser Gln Asn Arg Ser
178 290 295 300
181 Lys Thr Pro Lys Asn Gln Glu Ala Leu Arg Met Ala Asn Val Ala Glu
182 305 310 315 320
185 Asn Ser Ser Ser Asp Gln Arg Gln Ala Cys Lys Lys His Glu Leu Tyr
186 325 330 335
189 Val Ser Phe Arg Asp Leu Gly Trp Gln Asp Trp Ile Ile Ala Pro Glu
190 340 345 350
193 Gly Tyr Ala Ala Tyr Tyr Cys Glu Gly Glu Cys Ala Phe Pro Leu Asn
194 355 360 365
197 Ser Tyr Met Asn Ala Thr Asn His Ala Ile Val Gln Thr Leu Val His
198 370 375 380
201 Phe Ile Asn Pro Glu Thr Val Pro Lys Pro Cys Cys Ala Pro Thr Gln
202 385 390 395 400
205 Leu Asn Ala Ile Ser Val Leu Tyr Phe Asp Asp Ser Ser Asn Val Ile
206 405 410 415
209 Leu Lys Lys Tyr Arg Asn Met Val Val Arg Ala Cys Gly Cys His
210 420 425 430

213 <210> SEQ ID NO: 4

214 <211> LENGTH: 139

215 <212> TYPE: PRT

216 <213> ORGANISM: generic

218 <400> SEQUENCE: 4

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221 1 5 10 15
224 Asn Gln Glu Ala Leu Arg Met Ala Ser Val Ala Glu Asn Ser Ser Ser
225 20 25 30
228 Asp Gln Arg Gln Ala Cys Lys Lys His Glu Leu Tyr Val Ser Phe Arg
229 35 40 45
232 Asp Leu Gly Trp Gln Asp Trp Ile Ile Ala Pro Glu Gly Tyr Ala Ala
233 50 55 60
236 Tyr Tyr Cys Glu Gly Glu Cys Ala Phe Pro Leu Asn Ser Tyr Met Asn
237 65 70 75 80
240 Ala Thr Asn His Ala Ile Val Gln Thr Leu Val His Phe Ile Asn Pro
241 85 90 95
244 Asp Thr Val Pro Lys Pro Cys Cys Ala Pro Thr Gln Leu Asn Ala Ile
245 100 105 110
248 Ser Val Leu Tyr Phe Asp Asp Ser Ser Asn Val Ile Leu Lys Lys Tyr
249 115 120 125
252 Arg Asn Met Val Val Arg Ala Cys Gly Cys His
253 130 135

256 <210> SEQ ID NO: 5

257 <211> LENGTH: 139

258 <212> TYPE: PRT

259 <213> ORGANISM: generic

261 <400> SEQUENCE: 5

263 Ala Val Arg Pro Leu Arg Arg Arg Gln Pro Lys Lys Ser Asn Glu Leu
264 1 5 10 15
267 Pro Gln Ala Asn Arg Leu Pro Gly Ile Phe Asp Asp Val His Gly Ser

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Input Set : A:\JJJ-PWO-599 - SEQUENCE LISTING.txt

Output Set: N:\CRF4\01292004\J650326.raw

```

268          20          25          30
271 His Gly Arg Gln Val Cys Arg Arg His Glu Leu Tyr Val Ser Phe Gln
272          35          40          45
275 Asp Leu Gly Trp Leu Asp Trp Val Ile Ala Pro Gln Gly Tyr Ser Ala
276          50          55          60
279 Tyr Tyr Cys Glu Gly Glu Cys Ser Phe Pro Leu Asp Ser Cys Met Asn
280 65          70          75          80
283 Ala Thr Asn His Ala Ile Leu Gln Ser Leu Val His Leu Met Lys Pro
284          85          90          95
287 Asn Ala Val Pro Lys Ala Cys Cys Ala Pro Thr Lys Leu Ser Ala Thr
288          100         105         110
291 Ser Val Leu Tyr Tyr Asp Ser Ser Asn Asn Val Ile Leu Arg Lys His
292          115         120         125
295 Arg Asn Met Val Val Lys Ala Cys Gly Cys His
296          130         135
299 <210> SEQ ID NO: 6
300 <211> LENGTH: 139
301 <212> TYPE: PRT
302 <213> ORGANISM: generic
304 <400> SEQUENCE: 6
306 Ala Ala Arg Pro Leu Lys Arg Arg Gln Pro Lys Lys Thr Asn Glu Leu
307 1          5          10          15
310 Pro His Pro Asn Lys Leu Pro Gly Ile Phe Asp Asp Gly His Gly Ser
311          20          25          30
314 Arg Gly Arg Glu Val Cys Arg Arg His Glu Leu Tyr Val Ser Phe Arg
315          35          40          45
318 Asp Leu Gly Trp Leu Asp Trp Val Ile Ala Pro Gln Gly Tyr Ser Ala
319          50          55          60
322 Tyr Tyr Cys Glu Gly Glu Cys Ala Phe Pro Leu Asp Ser Cys Met Asn
323 65          70          75          80
326 Ala Thr Asn His Ala Ile Leu Gln Ser Leu Val His Leu Met Lys Pro
327          85          90          95
330 Asp Val Val Pro Lys Ala Cys Cys Ala Pro Thr Lys Leu Ser Ala Thr
331          100         105         110
334 Ser Val Leu Tyr Tyr Asp Ser Ser Asn Asn Val Ile Leu Arg Lys His
335          115         120         125
338 Arg Asn Met Val Val Lys Ala Cys Gly Cys His
339          130         135
342 <210> SEQ ID NO: 7
343 <211> LENGTH: 588
344 <212> TYPE: PRT
345 <213> ORGANISM: generic
347 <400> SEQUENCE: 7
349 Met Arg Ala Trp Leu Leu Leu Leu Ala Val Leu Ala Thr Phe Gln Thr
350 1          5          10          15

```

IMPORTANT

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

please correct this error in subsequent sequences.